

Likviditetsberegninger

Forudsætninger for værdiansættelsen

Billetsprisen stiger med	1,50%
Driftsudgifterne stiger med	1,50%
Subjektiv rentefod før skat	5,00%
Subjektiv rentefod efter skat	4,33%
Rente anden gæld	3,00%

Kattegatbroen - 2018 - 67% af indtægterne på Storebælt

År	Indtægt	Driftsudgifter	Dækningsbidrag	Prioritetsrenter	Andre renteudgifter	Afskrivninger	Skattemæssigt overskud	Skat % 22%	Afdrag	Udbetalt udbytte	Likviditetsmæssigt overskud	Akkumuleret likviditetsmæssigt overskud	Prioritetsrestgæld	Anden gæld	Nye anlæg	Akk. nye anlæg	Anden gæld i alt	År	Broens værdi	Indre værdi
1	2.772.349.940	770.000.000	2.002.349.940	2.489.370.000		816.000.000	-1.303.020.060	-286.664.413			-200.355.647	-200.355.647	82.979.000.000	200.355.647	-		200.355.647	1	81.667.223.115	-1.311.776.885
2	2.912.422.921	781.550.000	2.130.872.921	2.489.370.000	6.010.669	816.000.000	-1.180.507.749	-259.711.705			-104.796.044	-305.151.691	82.979.000.000	305.151.691	-		305.151.691	2	87.839.123.127	4.554.971.436
3	3.059.573.089	793.273.250	2.266.299.839	2.489.370.000	9.154.551	816.000.000	-1.048.224.712	-230.609.437			-1.615.275	-306.766.966	82.979.000.000	306.766.966	-		306.766.966	3	90.964.552.195	7.678.785.229
4	3.214.158.019	805.172.349	2.408.985.670	2.489.370.000	9.203.009	816.000.000	-905.587.339	-199.229.214			109.641.876	-197.125.090	82.979.000.000	197.125.090	-		197.125.090	4	94.108.563.475	10.932.438.385
5	3.376.553.353	817.249.934	2.559.303.419	2.489.370.000	5.913.753	816.000.000	-751.980.334	-165.435.673			229.455.340	32.330.250	82.979.000.000	-32.330.250	-		-32.330.250	5	97.264.529.111	14.317.859.361
6	3.547.153.711	829.508.683	2.717.645.028	2.489.370.000	-969.907	816.000.000	-586.755.064	-129.086.114			358.331.050	390.661.299	82.979.000.000	-390.661.299	-		-390.661.299	6	100.425.099.033	17.836.760.333
7	3.726.373.652	841.951.313	2.884.422.339	2.489.370.000	-11.719.839	816.000.000	-409.227.822	-90.030.121			496.802.299	887.463.598	82.979.000.000	-887.463.598	-		-887.463.598	7	103.582.144.968	21.490.608.566
8	3.914.648.681	854.580.583	3.060.068.098	2.489.370.000	-26.623.908	816.000.000	-218.677.994	-48.109.159			645.431.165	1.532.894.763	82.979.000.000	-1.532.894.763	-		-1.532.894.763	8	106.726.700.640	25.280.595.403
9	4.112.436.306	867.399.292	3.245.037.014	2.489.370.000	-45.986.843	816.000.000	-14.346.143	-3.156.151			804.810.009	2.337.704.772	82.979.000.000	-2.337.704.772	-		-2.337.704.772	9	109.848.897.927	29.207.602.699
10	4.320.217.150	880.410.281	3.439.806.869	2.489.370.000	-70.131.143	816.000.000	204.568.012	45.004.963			975.563.050	3.313.267.821	82.979.000.000	-3.313.267.821	-		-3.313.267.821	10	112.937.898.713	33.272.166.535
11	4.538.496.122	893.616.435	3.644.879.686	2.489.370.000	-99.398.035	816.000.000	438.907.721	96.559.699			1.158.348.022	4.471.615.844	82.979.000.000	-4.471.615.844	-		-4.471.615.844	11	115.981.822.163	37.474.438.006
12	4.767.803.638	907.020.682	3.860.782.956	2.489.370.000	-134.148.475	816.000.000	689.561.432	151.703.515			1.353.857.917	5.825.473.760	82.979.000.000	-5.825.473.760	-		-5.825.473.760	12	118.967.667.137	41.814.140.898
13	5.008.696.917	920.625.992	4.088.070.925	2.489.370.000	-174.764.213	816.000.000	957.465.138	210.642.330			1.562.822.808	7.388.296.568	82.979.000.000	-7.388.296.568	-		-7.388.296.568	13	121.881.229.445	46.290.526.013
14	5.261.761.329	934.435.382	4.327.325.947	2.489.370.000	-221.648.897	816.000.000	1.243.604.844	273.593.066			1.786.011.778	9.174.308.346	82.979.000.000	-9.174.308.346	-		-9.174.308.346	14	124.707.013.593	50.902.321.940
15	5.527.611.820	948.451.913	4.579.159.907	2.489.370.000	-275.229.250	816.000.000	1.549.019.158	340.784.215			2.024.234.943	11.198.543.289	82.979.000.000	-11.198.543.289	-		-11.198.543.289	15	127.428.138.719	55.647.682.008
16	5.806.894.407	962.678.691	4.844.215.716	2.489.370.000	-335.956.299	816.000.000	1.874.802.015	412.456.443			2.278.345.571	13.476.888.861	82.979.000.000	-13.476.888.861	-		-13.476.888.861	16	130.026.238.307	60.524.127.168
17	6.100.287.747	977.118.872	5.123.168.875	2.489.370.000	-404.306.666	816.000.000	2.222.105.541	488.863.219			2.549.242.322	16.026.131.183	82.979.000.000	-16.026.131.183	-		-16.026.131.183	17	132.481.353.341	65.528.484.524
18	6.408.504.785	991.775.655	5.416.729.131	2.489.370.000	-480.783.935	816.000.000	2.592.143.066	570.271.475			2.837.871.592	18.864.002.774	82.979.000.000	-18.864.002.774	-		-18.864.002.774	18	134.771.818.451	70.656.821.225
19	6.732.294.490	1.006.652.290	5.725.642.200	2.489.370.000	-565.920.083	816.000.000	2.986.192.283	656.962.302			3.145.229.981	22.009.232.755	82.979.000.000	-22.009.232.755	-		-22.009.232.755	19	136.874.140.645	75.904.373.401
20	7.072.443.669	1.021.752.074	6.050.691.595	2.489.370.000	-660.276.983	816.000.000	3.405.598.578	749.231.687			3.472.366.891	25.481.599.646	82.979.000.000	-25.481.599.646	2.693.710.013	2.693.710.013	-22.787.889.633	20	138.762.870.157	78.571.759.790
21	7.178.530.324	1.037.078.355	6.141.451.969	2.489.370.000	-683.636.689	816.000.000	3.519.718.658	774.338.105			3.561.380.553	29.042.980.199	82.979.000.000	-29.042.980.199	-	2.693.710.013	-26.349.270.186	21	143.355.421.495	86.725.691.681
22	7.286.208.279	1.052.634.530	6.233.573.748	2.489.370.000	-790.478.106	816.000.000	3.718.681.854	818.110.008			3.716.571.846	32.759.552.045	82.979.000.000	-32.759.552.045	-	2.693.710.013	-30.065.842.032	22	145.398.300.853	92.485.142.885
23	7.395.501.403	1.068.424.048	6.327.077.355	2.489.370.000	-901.975.261	816.000.000	3.923.682.616	863.210.175			3.876.472.440	36.636.024.485	82.979.000.000	-36.636.024.485	-	2.693.710.013	-33.942.314.472	23	147.456.450.804	98.419.765.276
24	7.506.433.924	1.084.450.409	6.421.983.515	2.489.370.000	-1.018.269.434	816.000.000	4.134.882.949	909.674.249			4.041.208.700	40.677.233.186	82.979.000.000	-40.677.233.186	-	2.693.710.013	-37.983.523.173	24	149.529.331.776	104.533.854.948
25	7.619.030.433	1.100.717.165	6.518.313.268	2.489.370.000	-1.139.505.695	816.000.000	4.352.448.963	957.538.772			4.210.910.191	44.888.143.377	82.979.000.000	-44.888.143.377	-	2.693.710.013	-42.194.433.364	25	151.616.357.673	110.831.791.036
26	7.733.315.889	1.117.227.923	6.616.087.967	2.489.370.000	-1.265.833.001	510.000.000	4.882.550.968	1.074.161.213			4.318.389.755	49.206.533.131	82.979.000.000	-49.206.533.131	-	2.693.710.013	-46.512.823.118	26	153.716.893.254	117.250.716.373
27	7.849.315.628	1.133.986.342	6.715.329.286	2.489.370.000	-1.395.384.694	510.000.000	5.111.343.980	1.124.495.676			4.496.848.304	53.703.381.436	82.979.000.000	-53.703.381.436	-	2.693.710.013	-51.009.671.423	27	155.830.251.380	123.860.922.803
28	7.967.055.362	1.150.996.137	6.816.059.225	2.489.370.000	-1.530.290.143	510.000.000	5.346.979.368	1.176.335.461			4.680.643.907	58.384.025.343	82.979.000.000	-58.384.025.343	-	2.693.710.013	-55.690.315.330	28	157.955.690.114	130.667.005.444
29	8.086.561.193	1.168.261.079	6.918.300.114	2.489.370.000	-1.670.709.460	510.000.000	5.589.639.574	1.229.720.706			4.869.918.868	63.253.944.210	82.979.000.000	-63.253.944.210	-	2.693.710.013	-60.560.234.197	29	160.092.409.678	137.673.643.875
30	8.207.859.610	1.185.784.995	7.022.074.616	2.489.370.000	-1.816.807.026	510.000.000	5.839.511.641	1.284.692.561			5.064.819.080	68.318.763.291	82.979.000.000	-68.318.763.291	-	2.693.710.013	-65.625.053.278	30	162.239.549.245	144.885.602.523
31	8.330.977.505	1.203.571.770	7.127.405.735	2.489.370.000	-1.968.751.598	510.000.000	6.096.787.333	1.341.293.213			5.265.494.120	73.584.257.411	82.979.000.000	-73.584.257.411	-	2.693.710.013	-70.890.547.397	31	164.396.183.577	152.307.730.975
32	8.455.942.167	1.221.625.346	7.234.316.821	2.489.370.000	-2.126.716.422	510.000.000	6.361.663.243	1.399.565.913			5.472.097.329	79.056.354.740	82.979.000.000	-79.056.354.740	-	2.693.710.013	-76.362.644.727	32	166.561.319.479	159.944.964.206
33	8.582.781.300	1.239.949.727	7.342.831.573	2.489.370.000	-2.290.879.342	510.000.000	6.634.340.915	1.459.555.001			5.684.785.914	84.741.140.654	82.979.000.000	-84.741.140.654	-	2.693.710.013	-82.047.430.640	33	168.733.892.077	167.802.322.717
34	8.711.523.019	1.258.548.972	7.452.974.047	2.489.370.000	-2.461.422.919	510.000.000	6.915.026.966	1.521.305.933			5.903.721.033	90.644.861.687	82.979.000.000	-90.644.861.687	-	2.693.710.013	-87.951.151.674	34	170.912.760.904	175.884.912.578
35	8.842.195.864	1.277.427.207	7.564.768.657	2.489.370.000	-2.638.534.550	510.000.000	7.203.933.208	1.584.865.306			6.129.067.902	96.773.929.589	82.979.000.000	-96.773.929.589	-	2.693.710.013	-94.080.219.576	35	173.096.705.785	184.197.925.361
								20.102.903.217												

5,0% alternativ investering	90% af indre værdi	Nutids- Intern rente værdi af irente udbytter	#####	Nutids- værdi af afkast	Afkast %
-1.311.776.885	-1.180.599.196	-	1	-1.311.776.885	#####
-1.377.365.729	1.402.990.816	-	0,0000000	0 #####	#####
-1.446.234.015	4.099.474.293	-	0,0000000	0 #####	#####
-1.518.545.716	6.910.906.706	-	0,0000000	0 #####	#####
-1.594.473.002	9.839.194.547	-	0,0000000	0 #####	#####
-1.674.196.652	12.886.073.425	-	0,0000000	0 #####	#####
-1.757.906.484	16.053.084.299	-	0,0000000	0 #####	#####
-1.845.801.809	19.341.547.710	-	0,0000000	0 #####	#####
-1.938.091.899	22.752.535.863	-	0,0000000	0 #####	#####
-2.034.996.494	26.286.842.429	-	0,0000000	0 #####	#####
-2.136.746.319	29.944.949.881	-	0,0000000	0 #####	#####
-2.243.583.635	33.726.994.206	-	0,0000000	0 #####	#####
-2.355.762.816	37.632.726.808	-	0,0000000	0 #####	#####
-2.473.550.957	41.661.473.411	-	0,0000000	0 #####	#####
-2.597.228.505	45.812.089.746	-	0,0000000	0 #####	#####
-2.727.089.930	50.082.913.807	-	0,0000000	0 #####	#####
-2.863.444.427	54.471.714.451	-	0,0000000	0 #####	#####
-3.006.616.648	58.975.636.071	-	0,0000000	0 #####	#####
-3.156.947.481	63.591.139.103	-	-	- #NUM!	#####
-3.314.794.855	68.313.936.061	-	-	- #NUM!	#####
-3.480.534.597	70.714.583.811	-	-	- #NUM!	#####
-3.654.561.327	78.053.122.513	-	-	- #NUM!	#####
-3.837.289.394	83.236.628.597	-	-	- #NUM!	#####
-4.029.153.863	88.577.788.749	-	-	- #NUM!	#####
-4.230.611.556	94.080.469.454	-	-	- #NUM!	#####
-4.442.142.134	99.748.611.933	-	-	- #NUM!	#####
-4.664.249.241	105.525.644.735	-	-	- #NUM!	#####
-4.897.461.703	111.474.830.522	-	-	- #NUM!	#####
-5.142.334.788	117.600.304.900	-	-	- #NUM!	#####
-5.399.451.528	123.906.279.488	-	-	- #NUM!	#####
-5.669.424.104	130.397.042.271	-	-	- #NUM!	#####
-5.952.895.309	137.076.957.877	-	-	- #NUM!	#####
-6.250.540.075	143.950.467.785	-	-	- #NUM!	#####
-6.563.067.078	151.022.090.445	-	-	- #NUM!	#####
-6.891.220.432	158.296.421.320	-	-	- #NUM!	#####
-7.235.781.454	165.778.132.825	-	-	- #NUM!	#####